

SOLID WASTE FACILITY PERMIT

1. Facility/Permit Number:

13-AA-0022

2. Name and Street Address of Facility:

Monofill Facility
3301 W. Highway 86
Brawley, CA 92227

3. Name and Mailing Address of Operator:

Desert Valley Company
7030 Gentry Road
Calipatria, CA 92233

4. Name and Mailing Address of Owner:

Desert Valley Company
7030 Gentry Road
Calipatria, CA 92233

5. Specifications:

a. Permitted Operations

☐

Composting Facility (mixed wastes)

☐

Processing Facility

☐

Composting Facility (yard Waste)

☐

Transfer Station

☒

Landfill Disposal Site (Class II)

☐

Transformation Facility

☐

Material Recovery Facility

☐

Other:

b. Permitted Hours of operation:

6:00 A.M. to 6:00 P.M., Monday through Sunday (refer to condition 17 hh)

c. Permitted Tons per Operating Day: **750 tpd**

Non-Hazardous - General

N/A

Tons/Day

Non-Hazardous - Sludge

N/A

Tons/Day

Non-Hazardous - Separated or commingled recyclables

N/A

Tons/Day

Non-Hazardous - Other (refer to condition 17s)

750

Tons/Day

Designated (See Section 14 of Permit)

N/A

Tons/Day

Hazardous (See Section 14 of Permit)

N/A

Tons/Day

d. Permitted Traffic Volume:

Total:

38

Vehicles/Day

Incoming waste materials

38

Vehicles/Day

Outgoing waste materials (for disposal)

N/A

Vehicles/Day

Outgoing materials from material recovery operations

N/A

Vehicles/Day

e. Key Design Parameters

Permitted Area (in acres)

181.5ac

Disposal

28.9ac

Transfer

N/A

N/A

Composting

N/A

Transformation

N/A

Remaining Capacity

1,058,252cy

N/A

N/A

N/A

N/A

Max. Elevation (ft. MSL)

-59 ft

Max. Depth (Ft. BGS)

39 ft

Estimated Closure Date

January 2025

This permit is granted solely to the operator named above, and is not transferable. Upon a change of operator, this permit is no longer valid. Further, upon a significant change in design or operation from that described herein, this permit is subject to revocation or suspension. The attached permit findings and conditions are integral parts of this permit and supercede the conditions of any previously issued solid waste facility permit.

6. Approval:

Approving Officer Signature

Jeff Lamoure, Deputy Director
Division of Environmental Health
Name/Title

7. Local Enforcement Agency Name and Address:

Imperial County Public Health Department,
Division of Environmental Health
797 West Main Street, Suite B
El Centro, California 92243

8. Received by CalRecycle:

AUG 31 2010

9. CalRecycle Concurrence Date:

10. Permit Review Due Date:

11. Permit Issued Date:

11a. Next Permit Review Due Date:

11b. Permit Transfer Date:

11c. Permit Review Date:

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Legal Description of Facility: 3301 West Highway 86, Brawley, CA. Northeast ¼ of Section 33, Township 12 South, Range 11 East, San Bernardino Base and Meridian APN: 019-100-004-001. Latitude: 33.08472°, Longitude: -115.82444°.

13. Findings:

- a. This permit is consistent with the Countywide Integrated Waste Management Plan (CIWMP). Public Resources Code, Section 50001. See pages 12 and 13 of CIWMP.
- b. This permit is consistent with standards adopted by the California Department of Resources, Recovery and Recycling (CalRecycle). Public Resources Code, Section 44010.
- c. The design and operation of the facility is in compliance with the State Minimum Standards for Solid Waste Handling and Disposal as determined by the LEA.
- d. The IMPERIAL COUNTY FIRE DISTRICT has determined that the facility is in conformance with applicable fire standards as required in Public Resources Code, Section 44151.
- e. A Notice of Determination for the Environmental Impact Report (EIR) was filed with the State Clearinghouse (SCH No. 1990102236) on June 13, 1990. A Notice of Determination for a Mitigated Negative Declaration (SCH No. 2002121138) was filed with the County Recorder's Office on January 29, 2003. A technical addendum to the Final EIR was filed on September 24, 2009. The LEA finds the proposed permit in compliance with CEQA.
- f. The following authorized agent has made a determination that the facility is consistent with, and designated in, the applicable General Plan: Jurg Heuberger, Planning Department. Public Resources Code, Section 50000.5(a).
- g. The Imperial County Board of Supervisors has made a written finding on September 3, 1996 that surrounding land use is compatible with the facility operation. On November 5, 2002 the County Board of Supervisors made a written finding that the change of zone and general plan amendment for the expansion is consistent with the County's General Plan and Land Use Element as required in Public Resources Code, Section 50000.5(b).

14. Prohibitions:

The permittee is prohibited from accepting any liquid waste, sludge, non-hazardous waste requiring special handling, designated waste, or hazardous waste unless such waste is specifically listed in Condition 17(s), and unless the acceptance of such waste is authorized by all applicable permits.

The permittee is additionally prohibited from the following items and activities: Accepting waste for which the facility is not approved, such as hazardous waste, medical waste, municipal refuse, or any other waste not specifically allowed. Accepting waste beyond the capacity of the facility. Recycling or mineral extraction other than removal of waste filter cake to a pre-approved site. Accepting solids containing free liquids. Allowing standing rainwater to remain within the cells. Disposal of waste when wind velocity reaches 13 mph or greater. Construction, earthmoving and similar operations shall terminate when wind velocity reaches or exceeds 21 mph.

15. The following documents also describe and/or restrict the operation of this facility (Insert document date in spaces):

	Date:		Date:
<input checked="" type="checkbox"/> Report of Facility Information	<u>05/10</u>	<input checked="" type="checkbox"/> Contract Agreements	<u>N/A</u>
<input checked="" type="checkbox"/> Conditional Use Permit #02-0003	<u>02/03</u>	<input checked="" type="checkbox"/> Waste Discharge Requirements WDR# R7-2003-0075	<u>09/03/03</u>
<input checked="" type="checkbox"/> Air Pollution Permit to Operate #2120B	<u>01/03</u>	<input checked="" type="checkbox"/> County Ordinances	<u>Various</u>
<input checked="" type="checkbox"/> Environmental Impact Report (EIR) (SCH No. 1989032206)	<u>7/18/89</u>	<input checked="" type="checkbox"/> Final Closure/Post-Closure Maintenance Plan (Cells I and II Closed May 2008)	<u>05/02</u>
• Final EIR Technical Addendum	<u>09/24/09</u>	• As Amended	<u>07/09</u>
<input checked="" type="checkbox"/> Mitigated Negative Declaration (SCH No. 2002121138)	<u>1/29/03</u>	<input checked="" type="checkbox"/> Closure Financial Responsibility Documents	<u>02/03/10</u>
<input checked="" type="checkbox"/> Preliminary Closure/Post-Closure Maintenance Plan (Cell III)	<u>06/02</u>		
• As Amended	<u>07/09</u>		

SOLID WASTE FACILITY PERMITFacility/Permit Number
13-AA-0022**16. Self-Monitoring:**

a. Results of all self-monitoring programs as described in the Report of Facility Information to be reported as follows:

Program:	Reporting Frequency:	Agency Reported To:
<ul style="list-style-type: none"> Daily tonnage received at facility by waste type shall be recorded daily. Include date of receipt and non-hazardous waste record number 	Monthly within 15 days of the following month	LEA
<ul style="list-style-type: none"> Number of waste delivery vehicles entering the facility 	Monthly within 15 days of the following month	LEA
<ul style="list-style-type: none"> A logbook of special occurrences 	Within 24 hours of notification	LEA
<ul style="list-style-type: none"> Analytical Results of waste streams listed in LEA Condition 17(s) except for soils contaminated with geothermal materials, incidental plastic sheeting/materials and drilling muds and cuttings. 	Annually on or before January 15	LEA
<ul style="list-style-type: none"> Soils contaminated with geothermal materials and drilling muds and cuttings shall be properly characterized prior to disposal 	Due one month after analysis is received. Results may be submitted with monthly tonnage report.	LEA
<ul style="list-style-type: none"> Load testing for free liquids using EPA test method #9095 of each load entering site 	Each Occurrence	Available at site
<ul style="list-style-type: none"> Radiological monitoring of dosimeter film badges of all personnel handling NORM associated materials 	Quarterly	LEA, APCD, & Planning Dept.
<ul style="list-style-type: none"> Vadose zone and groundwater monitoring 	Semi-Annually (or as required by RWQCB)	RWQCB
<ul style="list-style-type: none"> Maintenance of a record of all complaints registered against the facility 	Within next working day	LEA
<ul style="list-style-type: none"> Maintain weather station printout during operating hours 	Available upon request	LEA
<ul style="list-style-type: none"> Particulate sampling 	Quarterly	LEA, APCD
<ul style="list-style-type: none"> All operational records, monitoring reports results, of regulatory inspections, & summaries of any daily inspection reports 	Available upon request	LEA & Imperial County Planning Department
<ul style="list-style-type: none"> Print out of ground acceleration during seismic event 	Available upon request	LEA

Note: The LEA is responsible to enforce only those monitoring provisions authorized by State statute or regulations pertaining to solid waste.

17. LEA Conditions:

- The operator shall comply with State Minimum Standards for Solid Waste Handling and Disposal as specified in Title 27 California Code of Regulations (CCR). The Operator shall not operate this facility without possession of all required permits/regulatory approvals. The operator shall inspect the site at a frequency sufficient to ensure compliance with all applicable standards, conditions, mitigations, permits, and regulations.
- The operator shall comply with all applicable federal, state, and local requirements and enactments, including all mitigation and monitoring measures and all administrative/enforcement orders of regulatory agencies with jurisdictional authority at this facility.
- The operator shall maintain a complete copy of this Solid Waste Facility Permit (SWFP), inspection reports, and required regulatory permits at the facility or other LEA approved location readily accessible to facility personnel, LEA staff and other regulatory personnel.
- Additional information concerning the design/operation of the facility shall be furnished upon request to the LEA and other regulatory personnel.
- The operator shall notify the LEA in writing of any proposed change in the routine facility operation or changes in facility design during the planning stages. In no case shall the operator undertake any significant changes unless the operator first submits to the LEA a notice of said changes at least 180 days before said changes are undertaken. Any significant changes as determined by the LEA would require a revision of this permit.
- The LEA reserves the right to suspend and/or modify waste receiving and handling operations including the terms and conditions of this permit at this facility when deemed necessary due to any emergency, potential health hazard, and/or public nuisance.

SOLID WASTE FACILITY PERMIT

Facility/Permit Number:

13-AA-0022**17. LEA Conditions (Continued):**

- g. A log of special occurrences shall be maintained at the facility. The log shall contain at a minimum, but not limited to: fires, explosions, discharges, significant incidents of personnel injury, seismic events, accidents, and/or property damage. Days without incidents shall be noted in the log with an appropriate negative entry.
- h. The operator shall comply with the requirements of all applicable laws pertaining to employee health and safety, including a current CAL-OSHA Injury Illness Prevention Plan (pursuant to Title 8, CCR). Adequate on-site first aid supplies shall be maintained at the facility. When personnel are at the facility they shall have immediate radio and/or telephone access to a 911 emergency dispatcher.
- i. The operator shall apply "Soil Seal" as an alternative daily cover at the end of each operating day.
- j. The fencing of the operational area shall be maintained and the gate locked when on-site operating personnel are absent and during non-operating hours.
- k. This is a Class II facility that shall accept only drilling muds and cuttings from geothermal well construction/reconstruction of production and injection wells, geothermal filter cake resulting from filter press operations at geothermal power plants, soils contaminated with geothermal wastes, and incidental plastic sheeting/materials used in transfer vehicles.
- l. The Monofill Facility is a disposal facility for the Desert Valley Company, its parent company's partnerships, holdings, or affiliates, which generate and dispose of only their designated wastes as agreed to by the owner/operator.
- m. The Monofill Facility shall not receive more than 750 tons per day, nor shall it receive more than 273,750 tons annually.
- n. Vehicles carrying waste exit off highway 86 and travel 1.25 miles south off the highway to the Monofill site. Truck travel to and from the facility shall only occur on approved routes. Truck lights are to remain on at all times while in motion.
- o. The use of waste hauling vehicles supplied and/or operated by persons not under operation and control by the operator shall abide by the same rules, policies, and protective equipment, training/education supplied to company personnel. Vehicles shall be insured to the same extent as company vehicles.
- p. This permit does not release the operator from its responsibility under any other existing laws, ordinances, regulations, or statutes of other governmental agencies.
- q. No resource recovery or salvaging is permitted.
- r. The current Joint Technical Document and Closure Plan, or as they may be amended, are a part of this permit by reference.
- s. The Monofill Facility shall accept only the following non-hazardous waste streams as described in the Joint Technical Document:
 - Geothermal drilling muds and cuttings;
 - Geothermal filter cake;
 - Soils contaminated with geothermal material; and
 - Incidental plastic sheeting (truck bed liners)/materials

Upon proper waste characterization and approval of a permit revision other non-hazardous designated wastes may be accepted for disposal at this facility.

- t. In the event of a conflict between any regulatory permit, the most stringent shall apply.
- u. The filter cake contains Naturally Occurring Radioactive Material (NORM). The NORMs are currently below regulatory concern. Plastic sheeting/materials shall not be recycled due to potential NORM contamination.
- v. Dosimeter badges shall be read and reported quarterly. Such radiological monitoring shall be conducted for all personnel, both on-site and off-site who normally handle radioactive materials.
- w. Each vehicle entering the site shall have its load tested for free liquids using United States Environmental Protection Agency test method #9095.
- x. Geothermal material contaminated soils shall be properly characterized prior to disposal at the Monofill Facility.

SOLID WASTE FACILITY PERMIT

Facility Permit Number:

13-AA-0022**17. LEA Conditions (Continued):**

- y. Geothermal filter cake at each plant shall be analyzed on an annual basis or at a frequency determined by the LEA and whenever there is a significant operational or design change at the plant. Drilling sump muds shall be analyzed prior to disposal. Testing shall be conducted by a California certified laboratory. Waste streams shall be analyzed for the following:
- Corrosivity;
 - Ignitability;
 - Reactivity;
 - CAM 17 Metals - for Total and Soluble Threshold Limit Concentration
 - Volatile Organic Compound Analysis
 - Hazardous Waste Bioassay
 - NORM Analysis (gross alpha, gross beta and gamma spectroscopy)
- z. If it is determined that the current analytical methodology and/or analysis does not properly characterize the waste stream, the LEA reserves the right to require all waste streams destined for disposal at the Monofill Facility to be analyzed by a California State-certified laboratory prior to disposal at the Monofill Facility.
- aa. Upon LEA request, the operator shall appropriately sample and have analyzed by a State-certified laboratory any waste stream destined for disposal at the Monofill Facility. The operator shall provide the laboratory results to the LEA within five (5) working days following receipt of laboratory results.
- bb. In the event that Desert Valley Company's parent company sells substantially all interest in one of its facilities and that facility requires the continued use of the Desert Valley Company's Monofill Facility, Magma Power Company will, in writing, assign the right to use Desert Valley Company for such facility (retaining for Magma Power Company the right to use as to all other facilities) subject to the consideration of the Planning Director and approval by the Planning Commission and the LEA of Imperial County.
- cc. The operator shall cease disposal of waste when wind velocity reaches 13 mph or greater. Construction, earthmoving and similar operations shall terminate when wind velocity reaches or exceeds 21 mph.
- dd. The existing 1,000-gallon leachate collection tank shall be retained for use.
- ee. In addition to other signs required to be posted, a sign at the entrance of the facility warning personnel of the nature of the materials disposed of at the site shall be posted.
- ff. The operator shall maintain a record of the number of waste delivery vehicles entering the facility and submit a report to the LEA monthly within 15 days of the following month.
- gg. The operator shall compile daily tonnage received at the facility and submit a report to the LEA monthly within 15 days of the following month.
- hh. Operations shall occur during daylight hours. The operator, upon application and the submittal of an approved lighting plan, may operate during permitted hours of darkness.
- ii. Operator shall submit an annual waste stream analysis on or before January 15th of each year.

END OF CONDITIONS

